

EVOLUTION AQUA

INNOVATION IN WATER



2023 USA PRODUCT CATALOG

www.evolutionaquausa.com



Pond Volume Calculators

Calculating pond volume of rectangular pond:

AVERAGE LENGTH	x	AVERAGE WIDTH	x	AVERAGE DEPTH	x	FACTOR	=	VOLUME
feet	x	feet	x	feet	x	7.48	=	gallons

Calculating pond volume of a circular pond (Pi x radius²):

RADIUS	x	RADIUS	x	3.14	x	AVERAGE DEPTH	x	FACTOR	=	VOLUME
feet	x	feet	x	3.14	x	feet	x	7.48	=	gallons

Useful Conversions

CONVERTING LITERS TO GALLONS

(number of) liters x 0.219969
= (number of) UK gallons

CONVERTING GALLONS TO LITERS

(number of) UK gallons x 4.54609
= (number of) liters

CONVERTING US GALLONS TO LITERS

(number of) US gallons x 3.78541
= (number of) liters

CONVERTING CUBIC METERS TO LITERS

(number of) cubic meters x 1000
= (number of) liters

CONVERTING METERS TO FEET

(number of) meters x 3.28084
= (number of) feet

CONVERTING FEET TO METERS

(number of) feet x 0.3048
= (number of) meters

USA Distributor Details

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VISIT US ONLINE

Go to our website www.evolutionaquausa.com for all your Evolution Aqua product support and more...



INSTRUCTION MANUALS

Download **instruction manuals** for all Evolution Aqua products



PARTS

Find **spare parts** and **accessories** for Evolution Aqua products



FAQS

Read **frequently asked questions** about Evolution Aqua products



DEALER LOCATOR

Locate your nearest Evolution Aqua **product dealer**



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Check out our posts on Instagram at instagram.com/evolutionaquausa



YOUTUBE

Watch our YouTube channel at youtube.com/evolutionaquausa

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FIVE
FILTER
SIZES

EASY
TO
CLEAN

LOW
RUNNING
COSTS

K+AdvancedFilter

Advanced Pressure Filters For Ponds Using K+Media

- Economical to run thanks to its unique design
- The filter has been **engineered to maximise pump efficiency**
- Pre-filled with **advanced K+Media** for improved filtration
- Easy to operate and clean
- One piece rotationally moulded filter body
- Built-in feet (no skirt) for **additional durability**
- Granite grey colour matches existing Evolution Aqua filters



Model	Maximum pond size	Optimum flow rate	Quantity of K+Media included	Diameter	Multi-Port Valve	Pipework size
K+AdvancedFilter 16	3,000 US gallons	1200 - 1500 gph	30 Liters / 1.06 cu.ft	16"	1½"	1½"
K+AdvancedFilter 20	4,800 US gallons	1600 - 2000 gph	50 Liters / 1.77 cu.ft	20"	1½"	1½"
K+AdvancedFilter 24	9,600 US gallons	3200 - 4000 gph	100 Liters / 3.53 cu.ft	24"	2"	2"
K+AdvancedFilter 30	14,500 US gallons	4800 - 6000 gph	150 Liters / 5.28 cu.ft	30"	2"	2"
K+AdvancedFilter 36	24,000 US gallons	6000 - 7000 gph	250 Liters / 8.83 cu.ft	36"	2"	2"



Manufactured to last

The **latest innovation** in pond filtration technology. Manufactured by Evolution Aqua, the **K+Advanced Filter** is produced using **rotational moulding process**; the body is made of a single homogenous material meaning there is no joint line, the **wall thickness is consistent throughout**, there is **no weak point**, and the **feet are built-in** as part of the body – no skirt. This means that the **K+Advanced Filter** is **extremely durable** and has the same attractive **granite grey colour finish** as the other filters in the family.

Improved mechanical and biological filtration

The benefits of using **K+Media** have been well documented since its launch in 2019, including its ability to filter particles down to **one micron**. The design and profile of the media helps to **improve flow**.

Its **vast protected surface area** of **312.42ft² per ft³** maintains stable bio-films.

Its unique manufacturing process where **minerals** and **enzymes** are added during the extrusion process, ensure **K+Media matures faster** than any other type of filter media. Evolution Aqua's filter media has also been **independently tested** to verify its performance by **IFTS** and **Cranfield University**.

Peace of mind

Because Evolution Aqua are in control of the manufacturing process they undergo **rigorous testing** and **quality control checks** before leaving the factory. **K+Advanced Filters** are rated to a maximum **working pressure of 21.7 PSI**.

Economical to run

To **optimise performance**, there are **unique double laterals** inside the filter that help to **improve flow through the bed of K+Media**, that is supplied with every filter. This laminar flow, coupled with the use of **K+Media** **reduces back pressure** on the circulating pump, ultimately making **K+Advanced Filters** one of the **most economical filters to run**.

Easy as 1-2-3

They are **simple to install** and can be used as a **standalone filter** or as part of a larger filtration system with a **Nexus+** or on a skimmer line. The **K+Advanced Filters** are **incredibly easy to clean** and come with **K+Media**, pipework, air blower and multiport valve.



MANUFACTURED
IN THE UK

K+AdvancedFilter



16"



20"



24"



30"



36"

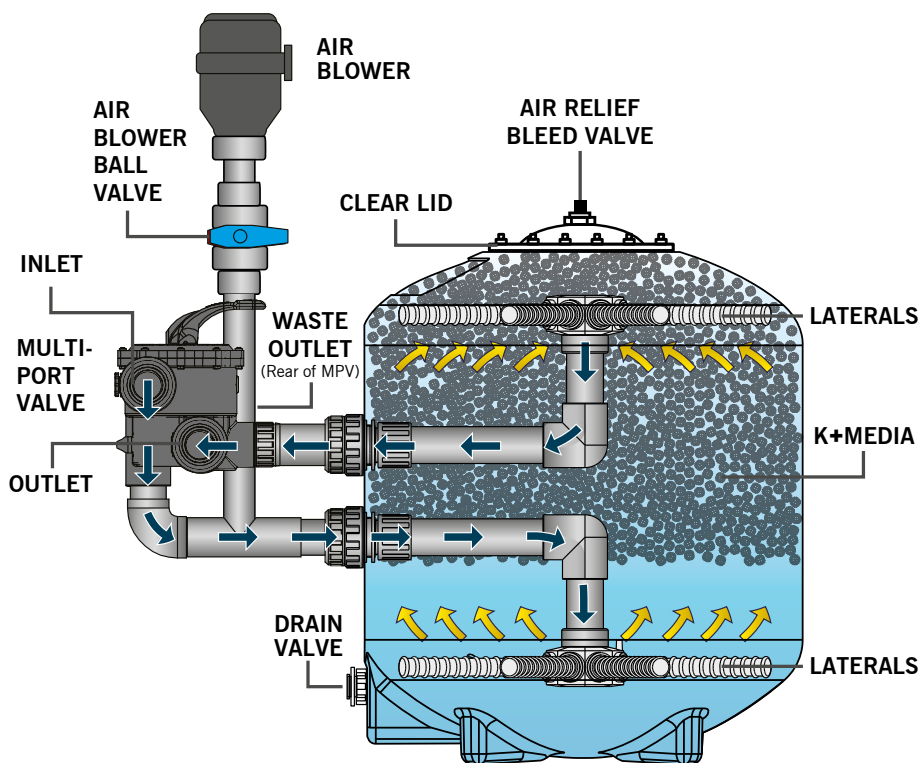


How K+Advanced Filters work

Water enters the filter from the pond into the multiport valve (MPV) and is directed to the bottom of the unit. As the water is pumped through the **K+Advanced Filter**, dirt, debris and waste are trapped by the **K+Media** and then the massive protected surface area housing the filter bacteria and breaks down biologically the Ammonia and Nitrite into Nitrate.

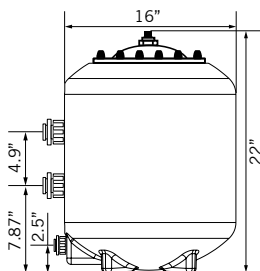
The filtered water is returned to the top of the unit through the multiport valve and back to the return line flowing back into the pond.

The laterals have been specifically designed to give optimum flow through the **K+Media**. The **K+Advanced Filter** is optimised to be less restrictive than many other similar filters. Because of this the **K+Advanced Filter** maintains its flow rate between cleaning cycles.

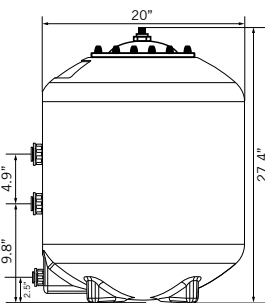




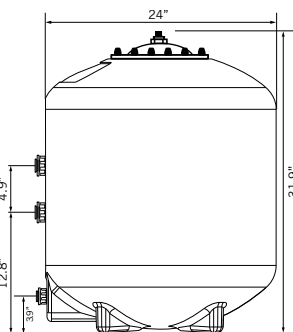
Filter Dimensions



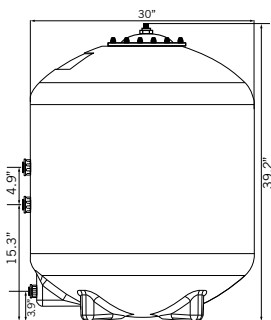
K+Advanced Filter 16



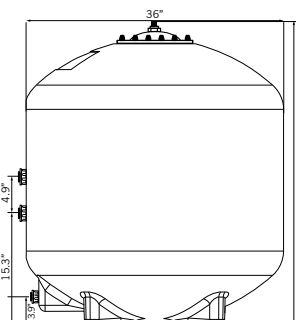
K+Advanced Filter 20



K+Advanced Filter 24



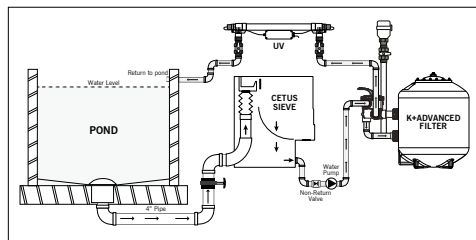
K+Advanced Filter 30



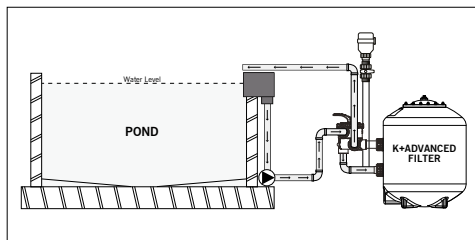
K+Advanced Filter 36

Installation Examples

The **K+Advanced Filter** is versatile and can be installed on pump-fed or gravity fed set-ups. It can be used as a stand alone filter, with a pre-filter, it can be used on skimmer lines or as a polisher at the end of a system.



Set up with a Cetus Sieve



Set up on a skimmer line



UP TO
4,800
US gallons

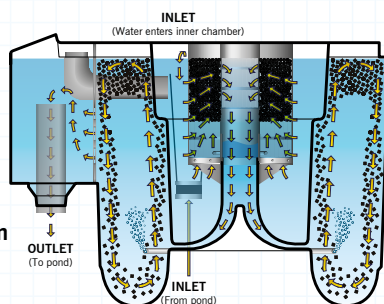
UP TO
9,000
US gallons

nexus+

 **MANUFACTURED
IN THE UK**

Advanced Filtration System With K+Media

- **NEW K+Media** for better **biological** filtration
- Vastly **improves filtration** and delivers **faster maturation**
- **K1 Micro** inside the **EAZY** for **mechanical** filtration
- **Easy** to install, **simple** to maintain
- Install on a **pump-fed** or **gravity-fed** set-up
- Manufactured ready for **easy upgrade to Automatic System**
- **Nexus lids** are available to **cover the Nexus filter** and also **accommodate the Nexus Automatic System**



Model	Max. pond size	Max. flow rate	Volume of water in nexus	Amount of K1 Micro supplied in EAZY filter	Amount of K+Media supplied in Bio Chamber	Max. capacity for K+Media
nexus220+	4,800 US gallons	2,640 US gallons/hr	135 US gallons	18 liters of K1 Micro inside the EAZY	50 liters of K+Media in bio chamber	150 liters of K+Media in bio chamber
nexus320+	9,000 US gallons	3,431 US gallons/hr	222 US gallons	20 liters of K1 Micro inside the EAZY	100 liters of K+Media in bio chamber	300 liters of K+Media in bio chamber



FILTRATION

How The Nexus+ Filter Works

Water from the pond enters the **Nexus+** via the inlet into the **inner chamber** which works as a **vortex** allowing **larger solids to settle out**.

Water then passes through the grills in the stainless steel "**Eazy**" filter, where the **finer particles are removed** at the **mechanical stage** of filtration, thanks to the static bed of our **award winning K1 Micro®** filter media.

The **mechanically clean** water then passes to the outside chamber of the nexus where the **K+Media moving bed** is located for **biological treatment** prior to being returned to the pond.

At this stage, biological breakdown occurs through different strains of bacteria and filter feeders living on the **protected surface area** of each piece of the **K+Media**. These bacteria convert **Ammonia** and **Nitrite** into less harmful **Nitrate**.

Water then passes through the exit grill into the outlet, returning back to the pond.

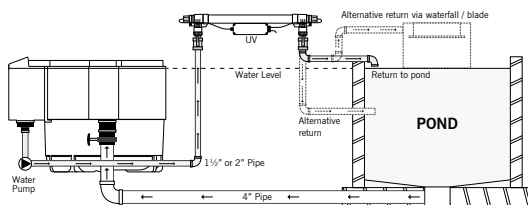


Diagram shows an example of a gravity fed installation

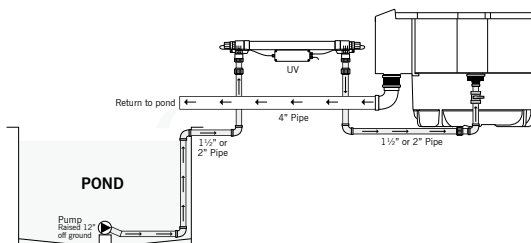
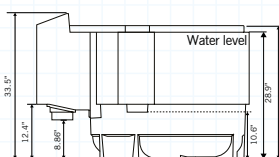
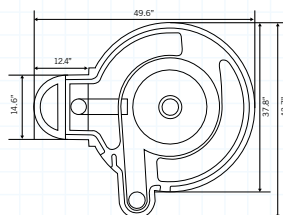


Diagram shows an example of a pump fed installation

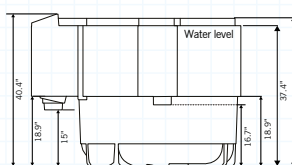
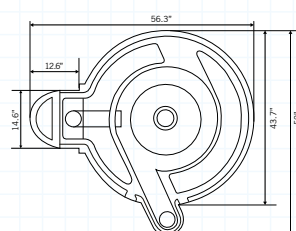
nexus220+ Dimensions (inches)



Air Pump Requirements

You can increase the biological capacity of your **Nexus+** by adding additional **K+Media** into the outer chamber up to the maximum capacity. You will however need to ensure that you have the correct size of air pump to enable the **K+Media** to move sufficiently (see table below for recommended size of air pump).

nexus320+ Dimensions (inches)



Total amount of K+Media in the outer chamber	Recommended Evolution Aqua Air Pump
50 - 75 liters	Air Pump 75
75 - 100 liters	Air Pump 95
100 - 150 liters	Air Pump 130
150 - 300 liters	Air Pump 150





AUTOMATE
YOUR
NEXUS

nexusTM

AUTOMATIC SYSTEM



Make Nexus The Automatic Choice

- **Hassle free** way to clean Nexus filtration systems
- **Automates** the cleaning process of the Nexus
- **Easily fits** onto Nexus filters (post 2006 models)
- Control box **automatically operates** valves and pumps
- **Adjustable timer** controls the frequency of the cycle
- **Easy to set up** for multiple cleaning cycles
- **Manual cycle** can be carried out at touch of a button
- **Gravity-fed** and **pump-fed** versions available

NEW Nexus Lids Available

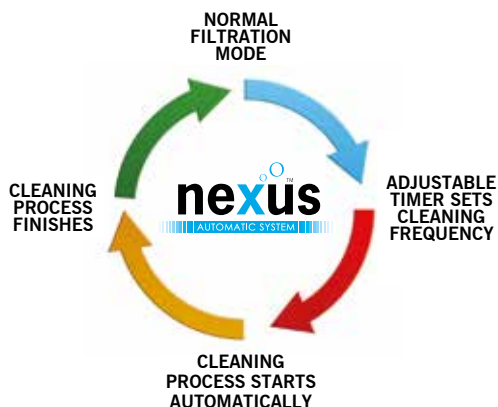
New lids are available to cover Nexus filters and accommodate the Automatic System. They also include a securing mechanism to ensure the lid is fitted and secure at all times.





Automatic Cleaning Cycle

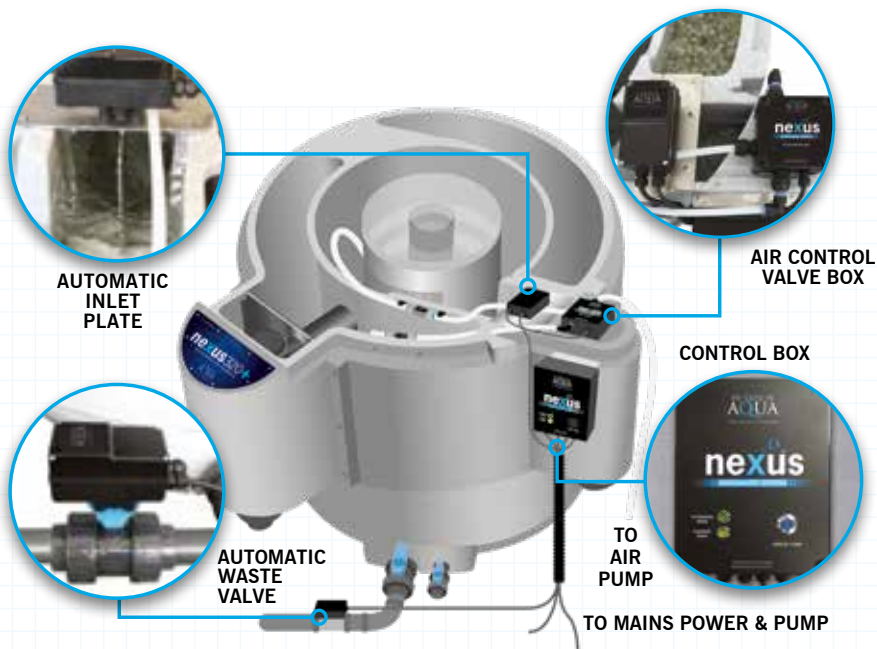
The **Nexus Automatic System** will control the cleaning cycle fully automatically. Cleaning is done on a **timer**, which is factory set to clean once every 3 days, however, this is **easily adjustable** to fit in with your pond requirements. The Nexus Automatic System will run a **cleaning cycle** which lasts approximately 10 minutes.



Overview of component parts

The **Nexus Automatic System** is supplied with the following parts for Gravity-fed installations.

Pump-fed versions do not have the automatic inlet plate.

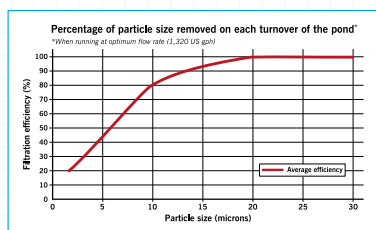




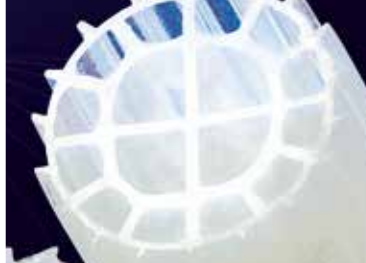
tempest

Innovative Pond Polisher Using K+Media

- Improves water quality and clarity
- Includes **advanced K+Media**
- Traps particles down to **one micron**
- **Patent pending** air backwash system
- Use in conjunction with **any filtration system**
- Additional **mechanical** and **biological** filtration
- **Easy to install, simple to clean**
- Evolution Aqua filter media **independently tested**
- **Standalone filter** for **small ponds** up to 1,320 US gallons



Model	Optimum Flow Rate	Maximum Flow Rate	Volume Of Water In Filter	K+Media Supplied	Inlet Size	Outlet Size	Waste Hosetail Size
tempest	1,320 US gph	1,980 US gph	7.1 US gallons	7 liters	1½" (UK / USA) / 50mm (EU)	1½" (UK / USA) / 50mm (EU)	1" (UK / USA) / 32mm (EU)



The Tempest filter is an **innovative polishing system** for ponds that will help to **deliver crystal clear water**. Designed to be used in conjunction with **any filtration system**, the Tempest offers additional **mechanical** and **biological** filtration. The Tempest filter can also be used on **quarantine systems** or as a **standalone filter** on smaller ponds up to **1,320 US gallons**.

The Tempest filter is **easy to install** and is **simple and quick to clean**, by way of a **unique, patent pending** air syphon design. During the

cleaning process, air is drawn into the filter as it empties which causes the **water to agitate**, effectively cleaning the **K+Media**.

Using Evolution Aqua's **K+Media** as the filter media, particles down to **one micron** can be filtered. On a single pass, testing has proven our media capable of **removing all particles down to 25 micron** when used at the optimum flow rate. Not only that, **K+Media** is the result of extensive **research and development** and is **moulded with minerals** for faster maturation times.

Typical Installation Examples

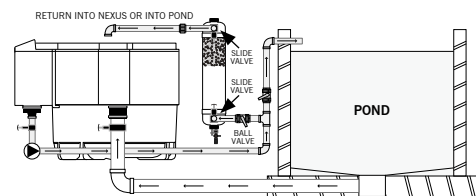
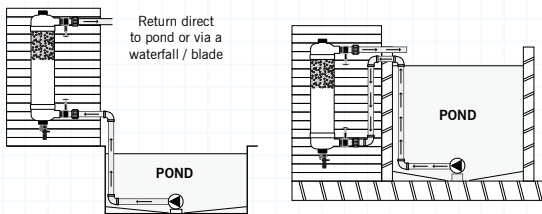


Diagram shows a Tempest installation with a gravity-fed filter



Pump-fed Tempest installation

Gravity-fed Tempest installation

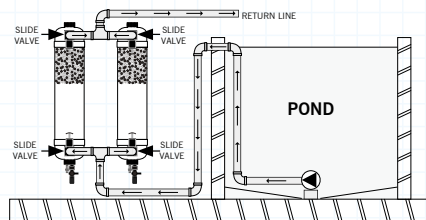
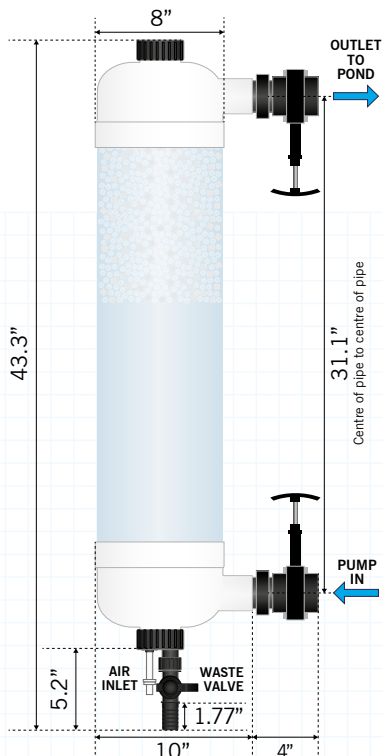


Diagram shows an example of a modular Tempest installation

Dimensions





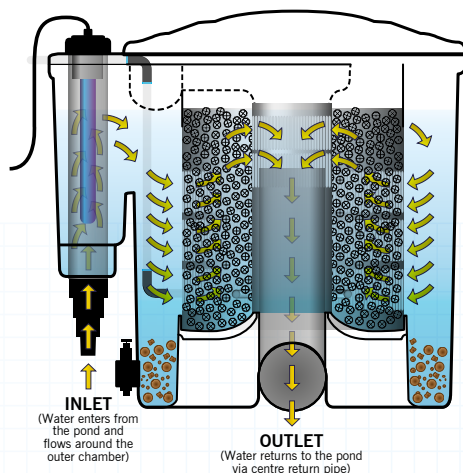
BUILT-IN
18W
UV-C

eazypodTM

complete

Complete Filtration With UV-C

- Mechanical, biological and ultraviolet filtration
- Supplied with 18 liters of K1 Micro filter media
- Simple to install, easy to maintain
- Available in **Granite Green** or **Grey** colour
- EazyPod and EazyPodAir models also available



Model	Max. pond size ornamental fish	Max. pond size with Koi	Max. feed rate	Volume of water in filter	Recommended flow rate	Recommended air pump	UV-C bulb
eazypod ^{complete}	2,640 US gallons	2,640 US gallons	100 - 125g Per Day	21 US gallons	1,320 US gph	Air Pump 70 Kit (Supplied)	18 W PL-L
eazypod ^{air}	2,640 US gallons	2,640 US gallons	100 - 125g Per Day	21 US gallons	1,320 US gph	Air Pump 70 Kit (Supplied)	x
eazypod	2,640 US gallons	2,640 US gallons	100 - 125g Per Day	21 US gallons	1,320 US gph	Air Pump 70 Kit (Not Supplied)	x

EPA Est.No. 100154-GBR-1 - NOT AVAILABLE FOR SALE IN USA STATES: CO, HI, IN, NM, OK, WV and WY.



FILTRATION

How The EasyPod Complete Works

Water from the pond enters the EasyPod Complete via the **inlet**, cascading around the **18 Watt UV-C bulb**, where any algae will be exposed to the UV-C radiation.

The water then flows around the circumference of the **outer chamber** of the EasyPod Complete, passing through the **stainless steel grill** causing many of the larger solids to be filtered out and settle in the base of the outer chamber. This is the first stage of **mechanical filtration**.

As water enters the central chamber, through the stainless steel grill, the fine smaller solids become trapped in the mass of K1 Micro. **Bio-films build up** on the **protected surface area** within each piece of media, allowing **biological filtration** to take place.

After passing through the 18 liters of K1 Micro the clean water then rises and overflows into the **inner return pipe** and flows back to the pond via the **outlet**.

The EasyPod Complete is incredibly **simple to clean**. The connected air pump is used during the cleaning cycle to agitate the K1 Micro to free up any debris and waste that has built up within the filter.

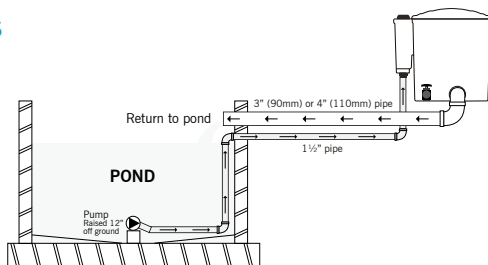


Diagram shows an example of a pump fed installation

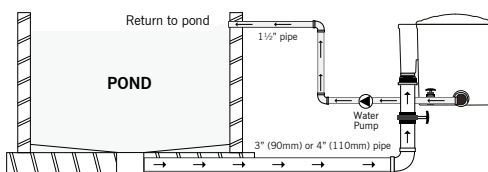
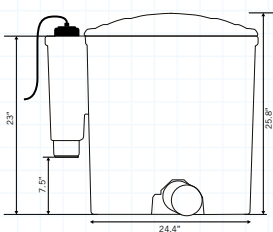
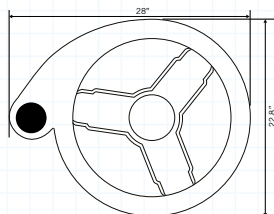
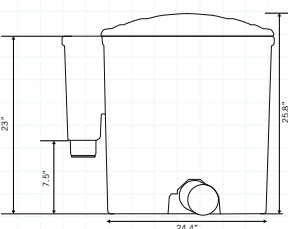
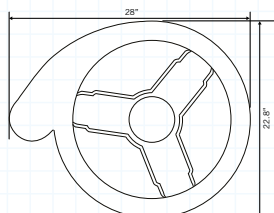


Diagram shows an example of a gravity fed installation for EasyPod and EasyPodAir models only

eazypodcomplete Dimensions (inches)



eazypod Dimensions (inches)





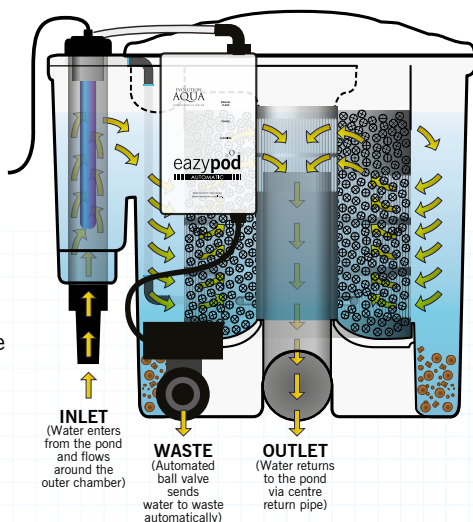
SELF-
CLEANING
FILTER

eazypod™

AUTOMATIC

The Self-Cleaning Filter For Ponds

- Mechanical, biological and UV filtration
- Automatic cleaning - even when you're not there
- Simple to install, easy to maintain
- Integrated air pump built into control box
- Supplied with **18 liters of K1 Micro**
- Available **with** or **without UV**



Model	Max. pond size ornamental fish	Max. pond size with Koi	Max. feed rate	Volume of water in filter	Recommended flow rate	Air pump	UV-C bulb
eazypod AUTOMATIC	2,640 US gallons	2,640 US gallons	100 - 125g Per Day	21 US gallons	1,320 US gph	Built-In Inside Control Box	x
eazypoduv AUTOMATIC	2,640 US gallons	2,640 US gallons	100 - 125g Per Day	21 US gallons	1,320 US gph	Built-In Inside Control Box	18 W PL-L

EPA Est.No. 100154-GBR-1 - NOT AVAILABLE FOR SALE IN USA STATES: CO, HI, IN, NM, OK, WV and WY.



Cleans When You're Not There

Tired of cleaning your pond filter? Fed-up with washing filter brushes and squeezing filter sponges over and over again, in all weathers? The EazyPod Automatic is the **solution**.

The EazyPod Automatic is a **self-cleaning, mechanical and biological** filter system for garden ponds up to 2,640 US gallons.

The integrated **control box** contains an adjustable timer which initiates a **cleaning cycle automatically** - meaning your filter will clean itself **even when you're not there!**

Inside the control box, the electronic connector blocks control the **automated waste valve**, along with your choice of circulating pump (not supplied). It even houses an **integral air pump** which kicks in automatically to clean the **18 liters of K1 Micro media**.

Crystal clear, healthy water is achieved by **K1 Micro** filter media, which also provides enhanced biological benefits by way of its protected surface area.

The Eazypod UV Automatic features an integrated **18 Watt UVC** built in to the inlet section of the filter, helping to clear green water.

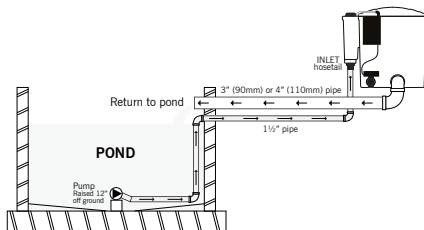


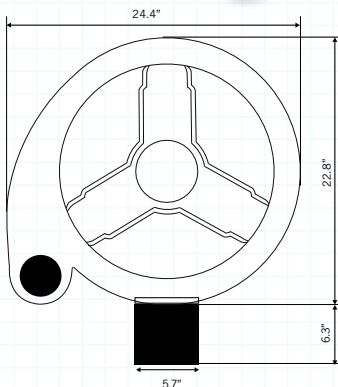
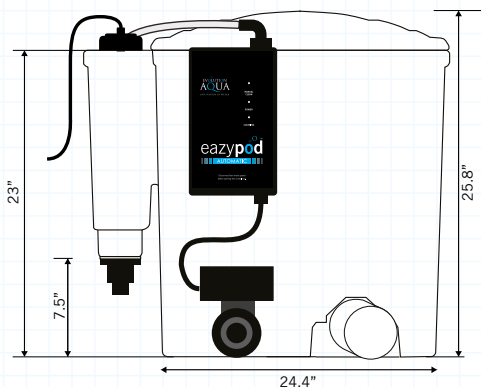
Diagram shows an example of a pump fed installation



eazypod

AUTOMATIC

Dimensions (inches)





MANUFACTURED
IN THE UK

evoUV

EVEN
EASIER TO
MAINTAIN

2 YEAR
WARRANTY

Ultraviolet Clarifiers For Ponds

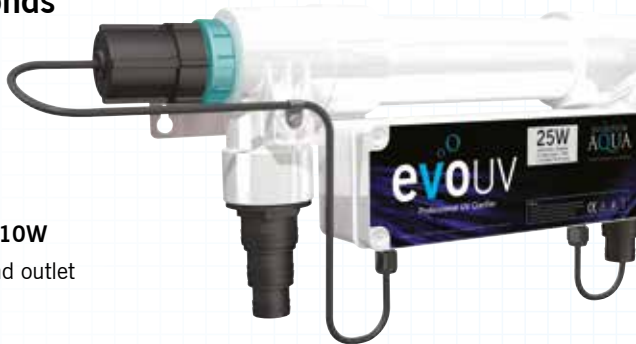
- Features **highly efficient** ballasts
- IP Rating of **IPX5**
- **Easy to maintain, easy to install**
- **Removable, serviceable** ballast box
- Connects to **flexi-hose** or **rigid pipework**
- **5 models; 15W, 25W, 30W, 55W & 110W**
- **2" fittings** can be glued over the inlet and outlet

EPA Est.No. 100154-GBR-1.

EVO UV ARE NOT AVAILABLE FOR SALE IN HAWAII.

25W / 55W / 110W AVAILABLE IN ALL OTHER STATES.

15W / 30W NOT AVAILABLE IN USA STATES: CO, IN, NM, OK, WV and WY





The Evolution Aqua evoUV deliver a **more efficient** and **more economical performance** than before thanks to their new design.

The new range includes a **15 Watt** and **25 Watt** model, perfect for use on the smaller garden pond.

The **30 Watt**, **55 Watt** and **110 Watt** models are designed for use on medium to large size ponds with EA filtration systems such as **Nexus+**.

Our new range of evoUV pond clarifiers have been manufactured to deliver **optimum performance** at all times.



Even easier to connect to 1½" pressure pipe



It is now even easier to connect the evoUV to 1½" pressure pipe. The threaded adaptor union fitting (EA Code: K82-78-55) screws into one end of the evoUV and the other end of the union can be glued to 1½" pipe using solvent weld adhesive.

FITTINGS AVAILABLE FROM ALL EA STOCKISTS

Model	Max. pond size	Max. flow rate	Bulb power	Inlet / Outlet		Dimensions (Excluding hoses)	Dimensions (Inlet to outlet)
evo015	4,000 US gallons	1,800 US gallons/hr	15W (1 x 15W T8)	1½"	2" fittings can fit over inlet / outlet	21.25" (l) 4.5" (w) 6" (h)	12.5" Centre of inlet to centre of outlet
evo025	5,300 US gallons	2,500 US gallons/hr	25W (1 x 25W T8)	1½"	2" fittings can fit over inlet / outlet	21.25" (l) 4.5" (w) 6" (h)	12.5" Centre of inlet to centre of outlet
evo030	7,900 US gallons	3,500 US gallons/hr	30W (1 x 30W T8)	1½"	2" fittings can fit over inlet / outlet	38.9" (l) 3.35" (w) 6" (h)	30.2" Centre of inlet to centre of outlet
evo055	14,500 US gallons	5,000 US gallons/hr	55W (1 X 55W T8)	1½"	2" fittings can fit over inlet / outlet	38.9" (l) 3.35" (w) 6" (h)	30.2" Centre of inlet to centre of outlet
evo110	19,500 US gallons	6,000 US gallons/hr	110W (2 X 55W T8)	2" No fittings supplied	2" fittings can fit over inlet / outlet	38.9" (l) 7.7" (w) 11" (h)	30.2" Centre of inlet to centre of outlet

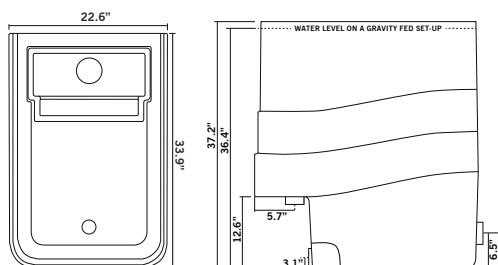
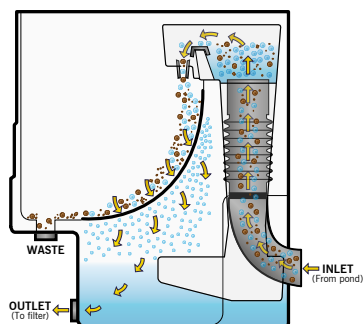


300
Micron
Sieve

cetussieve™

Pre-Filter To Remove Waste & Debris

- Easy maintenance
- Reduced backwashing of pressure filters
- Simple installation with flexible connectors
- Patented **pondflow** regulation system
- Large waste collection - easy to clean
- Robust **one piece mould** with no joints
- Install on **pump** or **gravity fed** set-ups
- Dimensions: 33.9" (l) x 22.6" (w) x 37.2" (h)



Model	Max. flow rate	Inlet - Gravity Fed	Inlet - Pump Fed	Outlet - Gravity Fed	Outlet - Pump Fed
cetussieve	4,755 US gallons/hr	4" easy connector	4" on Cetus with additional 4" - 1½" easy connector	3" on Cetus with additional 4" - 1½" easy connector	3" on Cetus factory fitted with 4" easy connector



PURE POND

Maintains Healthy Pond Water

- **Bacteria** and **enzymes** delivered in gel-like balls
- Maintains **crystal clear** and **healthy** water
- **Breaks down** ammonia and nitrite
- **Cleans up** organic waste
- **Reduces filter maintenance** and **cleaning**
- For all ponds - **add to filter** for best results
- **500ml** treats 2,600 US gallons
- **1000ml** treats 5,280 US gallons
- **2000ml** treats 10,550 US gallons

USED BY POND OWNERS
WORLDWIDE



What is PURE?

PURE is Evolution Aqua's **Award Winning** range of bacterial products for ponds, freshwater aquariums and marine aquariums. **PURE** products contain incredibly high concentrations of friendly bacteria and enzymes. These are contained within a unique delivery system that when added to your pond or aquarium will help to clean up organic waste and break down ammonia and nitrite. The result is **crystal clear** and **healthy** water that sparkles.

FASTER FILTER
MATURATION

PURE+

FILTER START Gel

Live Bacteria Gel To Start New Pond Filters

- **PURE+** Filter Start Gel is a **live, concentrated bacteria culture** for use in **new pond filters**
- The gel based solution will **stick to the filter media**, allowing the nitrifying bacteria it contains to **rapidly colonize your filter**
- Once the filter media has been coated with the **PURE+** Filter Start Gel, the beneficial bacteria within the gel will **speed up the maturation** of your filter media, while helping to **convert ammonia** and **nitrite**, resulting in **less stressed fish**
- **Available in 2 sizes:**
 - 1 liter treats ponds up to 2,640 US gallons
 - 2.5 liter treats ponds up to 6,600 US gallons

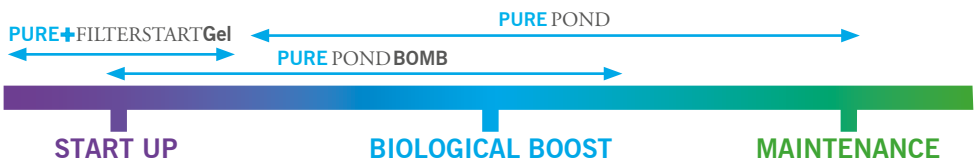




PURE POND BOMB

Fast acting boost of clarity

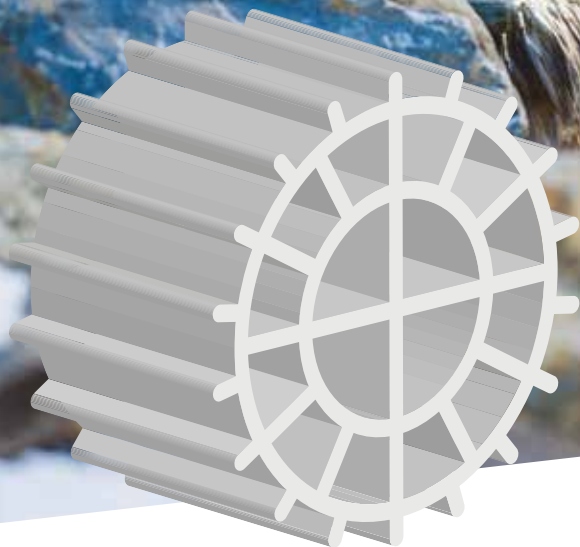
- High concentration of **bacteria** and **enzymes** delivered in one gel-like ball
- Ideal for **emergency use** in ponds
- **Quickly restores** biological equilibrium
- **Boosts clarity** of water
- **Breaks down** ammonia and nitrite
- **Cleans up** organic waste
- Works **with** or **without** conventional filters
- 1 ball can be used on ponds up to **5,200 US Gals**



EA CODE: PONDBOMB250
BARCODE: 5060088874103

EA CODE: PONDBOMB36
Trade display pack of 36 products

MANUFACTURED
IN THE UK



**EVOLUTION AQUA
FILTER MEDIA HAS BEEN
INDEPENDENTLY TESTED**



Cranfield

K+Media

Advanced Filtration Media

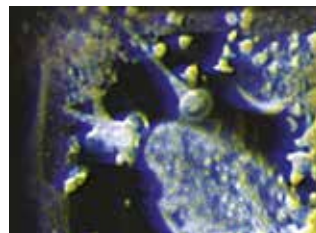
- **312.42ft² per ft³** Protected Surface Area
- Class leading total surface area **411.48ft² per ft³**
- **Minerals, magnesium, calcium, salt and enzymes** incorporated into each piece during extrusion process
- **Filters mature faster with K+Media**
- Structure of **K+Media** allows a **stable bio-film to form**
- **Reduces back pressure** on pumps for **improved efficiency**
- **Floating version in white - Sinking version in black**
- Available in **25 liter (0.88 cu. ft)** and **50 liter (1.77 cu. ft.) boxes**



MANUFACTURED
IN THE UK



	K+Media
DIAMETER	0.4 INCH
LENGTH	0.3 INCH
TOTAL SURFACE AREA	412ft ² /ft ³
PROTECTED SURFACE AREA	313ft ² /ft ³



NUMBER 1
FILTER
Media

Replaces
conventional
BEADS

K1Media | K1Micro

Tried And Tested Filter Media

- 152.4ft² per ft³ Protected Surface Area for K1 Media
- 289.56ft² per ft³ Protected Surface Area for K1 Micro
- Used with **nexus+** and **eazypod** filters
- Also use in **box**, **pressure** and **multi-bay** filters
- Suitable for **mechanical** and **biological** filtration
- Provides **large surface area** for bacteria to colonise
- K1 Media available in 1 liter, 3 liter, 25 & 50 liters
- K1 Micro available in 1 liter, 5 liter, 25 & 50 liters



MANUFACTURED
IN THE UK



	K1Media	K1 Micro
DIAMETER	0.41 INCH	0.27 INCH
LENGTH	0.3 INCH	0.35 INCH
TOTAL SURFACE AREA	290ft ² /ft ³	427ft ² /ft ³
PROTECTED SURFACE AREA	153ft ² /ft ³	290ft ² /ft ³



Filter feeders such as
Vorticella and Rotifers

Product	Cubic Feet
1 Liter	0.04 cu. ft.
3 Liter	0.11 cu. ft.
5 Liter	0.18 cu. ft.
25 Liter	0.88 cu. ft.
50 Liter	1.77 cu. ft.

EASY TO
ADJUST
Flow Rate

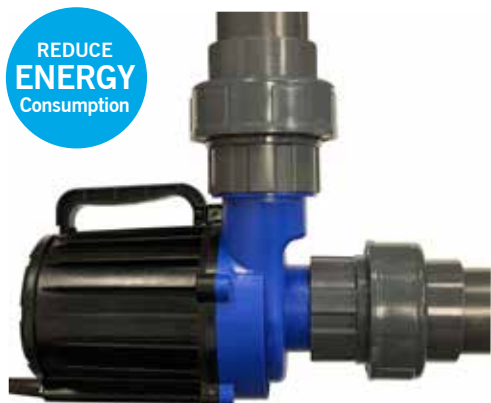
varipump

High Performance Controllable Pumps

- 2 models; 10,000 and 20,000
- Adjustable flow control – via wired controller
- Designed for use on **large ponds**
- **Energy efficient** pump
- **Two year** warranty
- **32.8ft cable length** (control box to pump)
- **6.5ft cable length** (mains to control box)

REDUCE
ENERGY
Consumption

Model	Max. Flow	Inlet / Outlet	Max. Head	Max. Watts	Voltage	Frequency	Dimensions
Varipump 10,000	2,640 gph	1"	18ft	90W	110V	60Hz	10.5" (l) x 4.8" (w) x 6.3" (h)
Varipump 20,000	5,280 gph	2"	21ft	190W	110V	60Hz	12.6" (l) x 5.6" (w) x 7.1" (h)





MAINTAIN
OXYGEN
Levels

airpumps™

Reliable And Economical Air Pumps

- For use when **aerating** ponds
- Provides **consistent levels of oxygen** in ponds
- **High performance, reliable** pumps
- **Thermal protection** as standard
- **5 models available**



Model	Max. Output (Litres per minute)	Output at 3.28ft depth (Lpm)	Max. operating depth	Power usage (Watts)	Noise level (dBA)	Voltage (VAC)
Airpump 70 (Kit)	70 Lpm	52 Lpm	10.5ft	34	<46	120V
Airpump 75 (Pump only)	75 Lpm	59 Lpm	12.8ft	44	<46	120V
Airpump 95 (Pump only)	95 Lpm	78 Lpm	14.3ft	62	<47	120V
Airpump 130 (Pump only)	130 Lpm	110 Lpm	15.4ft	88	<50	120V
Airpump 150 (Pump only)	150 Lpm	130 Lpm	18ft	106	<50	120V



2 YEAR
WARRANTY

evofeed

AUTOMATIC

Automatic fish feeder for ponds

- **Battery powered** - up to 3 months off one charge
- **Easily adjust distance** food is propelled
- **Versatile** to mount at the side of the pond
- Clear and accurate **digital display**
- Dispenses food at **timed intervals** throughout the day
- **Rechargeable** lithium battery - adapter included
- Clear, hinged, plastic cover protecting the display



Feeding range	Food	Container volume	Power	Dimensions	EA Code	Barcode
3 to 10 feet 120° angle	3 to 10mm pellets only (Not suitable for flake and stick)	1.5 gallon / 6 litre capacity	Built-in rechargeable battery (Indoor charger cable included)	15.8" (H) 12.2" (L) 12.2" (W) ----- 14.5" (W) (including tray)	APF001	5056231200585



NEW
IMPROVED
Optimum
Results

detoxTM



Removes Harmful Chlorine From Water

- With **high capacity, pre-washed carbon**
- **Removes toxins** in tap water
- For use on **ponds** and **indoor aquariums**
- **No need** to wait for chlorine to "gas-off" or to use liquid treatments
- **Easily connects** to a hose pipe - fittings included
- Also can be fitted to **rigid pipe**
- Available in **12 inch** or **30 inch** sizes



Product	Treats up to*	Max. flow rate
12 inch dechlorinator	59,500 US gallons	1.0 US Gals / min 60 US Gals / hour
30 inch dechlorinator	146,615 US gallons	1.0 US Gals / min 60 US Gals / hour

*Maximum treatable water is based on incoming 0.5ppm chlorine.

EA CODE: FC12
BARCODE: 5060088870266

EA CODE: FC30
BARCODE: 5060088870280

 **MANUFACTURED
IN THE UK**

eazycconnectors™

Flexible, Reliable PVC Connectors For Pipe Installs

- Simple to connect and tighten
- Reusable time and time again
- Connects metric to U.S. Standard
- Quick to fit and remove
- Great for emergencies or permanent use
- No glue or additional sealant necessary
- Flexible and reliable
- Full range of connectors available



EA Code	Eazy Connector - Straight Connectors
FE027-027	¾" (27mm to 22mm)
FE035-035	1" (34mm to 24mm)
FE049-049	1½" or 40mm waste* (49mm to 41mm)
FE062-062	2" (61mm to 46mm)
FE090-090	3" (92mm to 80mm)
FE112-112	4" (114mm to 97mm)
FE162-162	6" (170mm to 150mm)



EA Code	Eazy Connector - Adaptors
FE049-049	1½" to 40mm (49mm to 41mm)
FE061-047	2" to 1½" (60-48mm to 48-40mm)
NAC0752	3" to 2" (90-75mm to 64-50mm)
FE111-049	4" to 1½" (111-100mm to 48-40mm)
FE113-059	4" to 2" (112-100mm to 60-48mm)
FE111-085	4" to 3" (114-97mm to 89-75mm)
FE163-111	6" to 4" (162-147mm to 114-97mm)



EA Code	Eazy Connector - Elbows
FE048L	1½" or 40mm waste*
FE60L	2" (60 to 48mm) elbow
FE85L	3" (89 to 75mm) elbow
FE112L	4" (114 to 97mm) elbow



EA Code	Eazy Connector - Adaptors
DACE122-48	Nexus In/Out to 1½"
NAC1004	Nexus In/Out to 2" (122-115 to 68-61mm)
NPC125	Nexus In/Out to 4" (115 to 100mm)



EA Code	Eazy Connector - Stop End Cap
FE048C	1½" or 40mm waste*
FE060C	2" (60 to 52mm) tee
FE085C	3" (90 to 75mm) tee
FE112C	4" (115 to 102mm) tee



EA Code	Eazy Connector - Tees
FE048T	1½" or 40mm waste*
FE060T	2" (60 to 48mm) tee
FE085T	3" (89 to 75mm) tee
FE112T	4" (114 to 97mm) tee

Pipework Fittings / Air Fittings

EA Code	Eazy Connector - Straight Connectors		
U40-050	1½" Sight Glass		
U40-063	2" Sight Glass		
EA Code	Double Union Ball Valve		
K25-50-50NEW	1½"		
K25-50-63	2"		
K25-50-90	3"		
K25-50-110	4"		
EA Code	Non Return Valve (Check valve)		
K25-50-00	1 1/2" Double Union Non Return Valve		
I31N.0630	2" Double Union Non Return Valve		
EA Code	Hosetail		
HOSETAIL15TH	1½" Threaded Hosetail (Black)		
EA Code	Single union threaded male to plain female		
K82-78-55	Adaptor Union 1½" x 1½" Male		
EA Code	Air Fittings		
1000-023	12mm Equal Y		
1000-030	12mm Equal Tee		
1000-042	12mm Equal Elbow		
1000-085	3/8" Mini Ball Air Valve (F/F)		
1000-080	3/8" BSP Male Stud End		
1000-081	12mm x 3/8" Elbow BSP Male Thread		
1000-135	12mm LPD Tube x 1m		
K81-10-05	12mm Pipe Clips		

Aerated & Non-Aerated Bottom Drains

4" Standard Bottom Drain

- Heavy Duty Schedule 80 PVC
- 4" Horizontal Pipe Fitting
- Includes 4" bottom drain base, stainless steel screws, liner ring, and top disc



EA CODE:

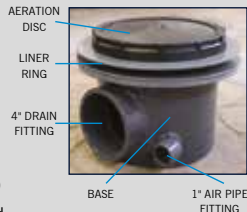
BTMDR4L

BARCODE:

5056231202329

4" Aerated Bottom Drain

- Heavy Duty Schedule 80 PVC
- 4" Horizontal Pipe Fitting
- 1" Side Mount Aeration Pipe Fitting (easier application than bottom pipe fitting bottom drains)
- Center stand pipe can be adjusted, threads to under side of aeration plate and glues to bottom of drain base
- Includes 4" bottom drain base with 1" air inlet, stainless steel screws, liner ring, and aeration disc with plate



EA CODE:

BTMDRA4L

BARCODE:

5060088870280

EVOLUTION AQUA

INNOVATION IN WATER



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